

GOVERNMENT OF ANDHRA PRADESH
A B S T R A C T

Major Irrigation – Formation of a Reservoir at Vattalure , Pullampeta (M), Kadapa District with a live storage capacity of 1.20 TMC as on offline reservoir under GNSS Main Canal Phase-II at an estimated cost of Rs. 143.21 Crores – Administrative Approval – Accorded – Orders – Issued.

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IRRIGATION & CAD (MAJ.IRRI.VI) DARTMENT

G.O.Ms.No. 108

Dated:01-09-2009

Read the followings:-

- 1) From the Chief Engineer (Projects), Irrigation, Kadapa
Lr.No.CE(P)/TUN/TS3/GNSS /3860/05, dated. 04.08.2008.
- 2) From the Chief Engineer (Projects), Kadapa
Lr.No.CE(P)/TUN/TS3/GNSS /3860/05, dated:22.11.2008.
- 3) From the Chief Engineer (Projects),Irrigation, Kadapa,
Lr.No.CE(P)/TUN/TS3/GNSS /3860/05, dated. 27.06.2009.

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In the letters read above, the Chief Engineer (Projects), Irrigation, Kadapa has stated that the Hon'ble Chief Minister of Andhra Pradesh during his visit to Kondur on 18.4.2006 has announced in public meeting during the Kondur Prajapatham for taking up the work of formation of Reservoir at Vattuluru (village) of Pullampeta Mandal as a part of GNSS Scheme. Originally, no reservoir is proposed in Rajampet Mandal under GNSS Phase-II and the proposals of formation of reservoir at Vattalur (V) has been studied with reference to topo sheets. The Chief Engineer (Projects), Irrigation, Kadapa has reported that the proposal of formatting Reservoir at Vataluru M) has been studied w.r.t., to topo sheets.

2. The Chief Engineer (P), Irrigation, Kadapa has reported that the Reservoir with FRL of (+) 183.000M can store about 1.421 TMC of water. At FRL of (+) 183.000M, the back water will not touch the canal alignment of GNSS main canal. Hence the CE(P), Irrigation, Kadapa proposed to form Vattalur tank with FRL of (+) 183.000M with a live storage capacity of 1.20 TMC. The reservoir can be filled up during the seasons of good surplus flows through GNSS main canal.

3. The Chief Engineer (Projects), Irrigation, Kadapa has also reported that eight villages would be coming under submersion and a length of 7 KM of the B.T. Road from Idigapalli to Ananta Samudrm and a length of 2.80 KM. of B.T. Road from Tivurayagaripalli to A.Chinna Nambapuram are coming under foreshore submersion. The above two roads pertain to Panchayat Raj Department. Provision is made for relaying of the above two roads in the present scheme estimate.

4. The Chief Engineer (P), Kadapa has therefore, requested the Government that administrative approval may be accorded for Rs.143.21 cores to take up the formation of Vattalur Reservoir, Pullampeta (M), Kadapa District with a live storage capacity of 1.20 TMC as on offline reservoir under GNSS Main Canal Phase-II.

(Contd.2)

5. Government after careful examination hereby accord administrative approval for Rs.143.21 cores (Rupees One Hundred Forty Three Crores and Twenty One Lakhs only)" to take up the formation of Vattalur Reservoir, Pullampeta (M), Kadapa District with a live storage capacity of 1.20 TMC as on offline reservoir under GNSS Main Canal Phase-II, as per the details annexed to this orders.

6. The above expenditure is chargeable to the following head of account:

"4701 - COL on Major and Medium Irrigation (01) Major Irrigation Commercial schemes included in Plan - MH 133 GNSS - 26 D&A - 27 Canals - 530 Major works - 531 Other expenditure" .

7. The Chief Engineer (Projects), Irrigation, Kadapa shall take further action accordingly.

8. This order issues with the concurrence of the Finance (W&P) Department vide their U.O.No.2658/F7 (A2)/2009, dated. 03-08-2009.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

RAJIV RANJAN MISHRA
SECRETARY TO GOVERNMENT

To:

The Chief Engineer (Projects), Irrigation, Kadapa.

Copy to:

The Accountant General, A.P., Hyderabad.

The Director of Works Accounts, Hyderabad.

The P.S to Special Secretary to Chief Minister

The P.S to Minister (M&MI).

The Finance (W&P) Department.

SF/SC.

// FORWARDED BY ORDER //

SECTION OFFICER.

ANNEXURE TO G.O.MS.NO. 108 ,IRRIGATION & CAD (PW.MAJ.IRRI.VI)
DEPARTMENT, DATED:01/09/2009

Sl. No.	Quantity		Description	Rate	Per	Amount
	3.5	K.M	Conducting detailed survey of Vattuluru reservoir including chaninage, compass survey and taking L.S, & C.s. at 25 M intervals and fixing of P.BMs., conducting sits surveys are surplus weirs, surplus course and head sluice and preparation of designs, and estimates etc., including contour survey in foreshore area complete.	27027.00	KM	94595
2	200	Ha	Preparation of LP. Schedules and get the approval from the competent authority for land acquisition width required for the above work including foreshore submersion area and fixing boundary stones along foreshore area	250.00	Ha	50000
3	12000	Ac	Detailed Investigation of distributory system to feed 12,000 acres of ayacut under reservoir including designs, drawings, preparation of plans and estimates etc., complete	305.00	Ac.	3660000
4	3.5	KM	Provision towards subsurface exploration & testing changes	5000.00	Km	17500
			Sub Total:		Rs.	3822095
II. Formation of reservoir including structures and grouting for foundations						
1	1	No.	Formation of reservoir near Vattulur (V)			538000000
2	1	No	Construction of Surplus weir at Ch. 600 M and its Surplus Course			298000000
3	1	No.	Construction of Surplus weir at Ch.3200 M. and its Surplus Course			69500000

Contd.2

4	1	No.	Construction of Head Sluice			6500000
5	1	No.	Construction of Cross regulator			27000000
6	1	No.	Grouting at the reservoir, surplus weirs and head sluice foundations			17326000
7	1	No.	Provision towards Excavation of main canal about 9 Km (Amount arrived on prorata basis with reference to Penagaluru branch canal under G.N.S.S. Package 6)			13327803
8	1	No.	Provision towards construction of pickup anicut across Pullangari vagu near Pullampeta to feed the distributory system			37000000
9	12000	Ac.	Construction of distributory system under reservoir including minors, sub-minors and CM & CD works etc., complete. (Rate adopted as per sanctioned estimate of G.N.S.s. Package-06/06)	9000.00	Ac.	108000000
			SUB TOTAL-IV		Rs.	846453803
			Total of working items		Rs.	850275898
			LS. PROVISIONS			
10			Provision towards land acquisition			462000000
11	LS		Provision towards formation of alternate roads in place of submerged roads			20930000
12			Provision for VAT charges at 2.8%			23807725
13			Provision for insurance charges at 0.28%			2380773
14			Provision towards labour cess at 1%			8502759

Contd.3

15	1%	Maintenance charges for defect liability period @ 1% on working items			8502759
16	3%	Provision towards price adjustment @ 3% on working items			25508277
17	0.50%	Provision towards 3 rd Party Quality Control charges @ 0.5% on working items			4251379
18	2.6%	Provision towards Service Tax @ 2.6% on working items			22107173
19		Engaging technical persons			413280
20	L.S	Provision towards shifting of H.T lines and shifting of electrical poles, transformers and telephone lines etc.,	L.S		1550000
21	L.S	Provision towards Photography & Vediography charges etc.,	L.S.		300000
22	L.S	Preparation of estimate booklets and tender documents and publication charges	L.S.		300000
23	L.S	Provision towards approach roads and diversion roads	L.S.		350000
24	L.S	Provision towards G.S.I charges for foundations studies by A.P.E.R.L., Hyderabad	L.S.		375000
25	L.S	Provision for model studies and preparation of operation schedule	L.S.		400000
26	L.S	Provision towards purchase of scientific instruments.	L.S.		144977
SUB TOTAL-VI Rs.					581824102
TOTAL COST OF THE ESTIMATE (Rupees one hundred forty three crores and twenty one lakhs only)					Rs. 1432100000